

Serial No.09/942,328
HP Docket No: 10008019-1

REMARKS

This application is under final rejection. Applicant has presented amendments that Applicant believes should render the claims allowable. In the event, however, that the Examiner is not persuaded by Applicant's amendments, Applicant respectfully requests that the Examiner enter the amendments to clarify issues upon appeal.

This communication is in response to the Office Action dated July 19, 2004. Claims 1-21 are pending in the present Application. Claims 1, 2 and 11-21 are rejected. Claims 3-10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 1, 4-7 and 11 were amended for clarification. Claims 3 and 18-21 were canceled. Claims 1-21 remain pending in the present Application.

The present invention is a streamlined efficient cache coherency protocol system and method for a multiple processor one chip (MPOC) system. In one embodiment, a cache coherency maintenance system embedded on a single substrate is disclosed. The system includes a plurality of cache memories, a plurality of processor cores and a coherency maintenance system bus. The cache memories include a memory unit (e.g. a cache line) for storing information that is utilized by the processor cores. At least one of the processor cores is coupled to and associated with one of the cache memories. The system bus communicates the information between the cache memories and the processor cores in accordance with a coherency protocol.

Moreover, the invention is a system that facilitates linking of such related information in a manner that a system user may quickly and easily gain access to

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particular items of business information, and vice versa. The invention is particularly applicable in the field of compliance by business entities with government product standards.

§103 Rejections

Claims 11

The Examiner states:

Claim 11 is rejected under 35 U.S.C. 103 (a) as being unpatentable over Carpenter et al. (Carpenter) US Patent 6,115,804 in view of Cherabuddi US Patent Application Pub No. 2002/018445.

Applicant herein asserts that Claim 11 has been amended to include the allowable subject matter of Claim 3. Claim 11 is therefore allowable over the Examiner's proposed rejection.

Claims 18-21

The Examiner states:

Claims 18-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carpenter et al. (Carpenter) US Patent No. 6,115,804 in view of Parks US Patent No. 6,356,983.

Applicant asserts that Claims 18-21 are canceled upon the entering of this amendment. Accordingly, the Examiner's arguments with respect to Claims 18-21 are no longer applicable.

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Claims 1-2

The Examiner states:

Claims 1-2, 12-17, and 18-21 are rejected under 35 U. S. C. 103(a) as being unpatentable over Carpenter et al. (Carpenter) US Patent No. 6,115,804 in view of Parks US Patent No. 6,356,983 and further in view of Cherabuddi US Patent Application Pub No. 2002/0184445.

Applicant herein asserts that Claim 1 has been amended to include the allowable subject matter of Claim 3. Claim 1 is therefore allowable over the Examiner's proposed rejection.

Since Claim 2 is dependent on claim 1, the above-articulated arguments with regard to Claim 1 apply with equal force to Claim 2. Accordingly, Claim 2 should be allowed over the Examiner's cited references.

Claims 12-17

Since Claims 12-17 are dependent on Claim 11, the above-articulated arguments with regard to Claim 11 apply with equal force to Claims 12-17. Accordingly, Claims 12-17 should be allowed over the Examiner's cited references.

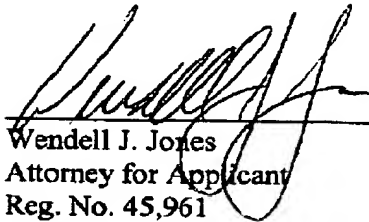
Claims 18-21

Applicant asserts that Claims 18-21 are canceled upon the entering of this amendment. Accordingly, the Examiner's arguments with respect to Claims 18-21 are no longer applicable.

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Applicant believes that this application is in condition for allowance. Accordingly, Applicant respectfully requests reconsideration, allowance and passage to issue of the claims as now presented. Should any unresolved issues remain, Examiner is invited to call Applicant's attorney at the telephone number indicated below.

Respectfully submitted,



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